

**METHOD AND SYSTEM FOR HIGH-SPEED SOFTWARE**  
**RECONFIGURABLE CODE DIVISION**  
**MULTIPLE ACCESS COMMUNICATION**

**Abstract of the Disclosure**

A communication device for W-CDMA signal transmission and reception has a W-CDMA transmitter having at least one of a first RAM and first registers, wherein the transmitter is configured to operate in accordance with first parameters. Further, the communication device has a W-CDMA receiver having at least one of a second RAM and second registers, wherein the receiver is configured to operate in accordance with second parameters, and signal acquisition component. A processor is in data communication with the W-CDMA transmitter, the W-CDMA receiver and the signal acquisition component, and configured to provide for software configuration of the first and second parameters.

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